

URGENT

Work Order ID 102553

\*102553\*

Page 1

May-30-13 3:22:57 PM

Item ID: 646.3712

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Item Name: Clip

Stop \*NS2\*

Start Date: 5/30/13 Start Qty: 12.00

Required Date: 6/10/13 Req'd Qty: 12.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: MLS Date: 13-05-30 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.3700	A								

110

0.00

\*110\*

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut 646.3711 as per Dwg

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

20

0

Ac/Jm  
13-06-01

60001.063

120

QC2- Inspect parts off machine FAI/FAIB

0.00

\*120\*

QC

Memo

0.00

Quality Control

20

0

Jm 13-06-01

# Work Order ID 102553

May-30-13 3:22:57 PM

\*102553\*

Page 2

Item ID: 646.3712

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Clip

Start Date: 5/30/13

Start Qty: 12.00

\*12\*

Cust Item ID:

Required Date: 6/10/13

Req'd Qty: 12.00

\*12\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

QC8- Inspect parts - second check

0.00

\*130\*

QC

Memo

0.00

Quality Control

13.6.3

140

Form as per dwg

0.00

\*140\*

Brake NC

Memo

0.00

Brake NC

150

QC5- Inspect part completeness to step on W/O

0.00

\*150\*

QC

Memo

0.00

Quality Control

13.6.3

SP  
13/06/03

# Work Order ID 102553

\*102553\*

Page 3

May-30-13 3:22:57 PM

Item ID: 646.3712 Accept \*N900040100\* Setup Start \*NS1\*  
Revision ID: Stop \*NS2\*  
Item Name: Clip  
Start Date: 5/30/13 Start Qty: 12.00 \*12\* Cust Item ID:  
Required Date: 6/10/13 Req'd Qty: 12.00 \*12\* Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	Outsource process-Anodize per QSI017 4.1.10.1	0.00							
*160*									
Outsource4	Memo	0.00							
Outsource process - Anodize	Issue P/O to ATG : <u>20070</u>								
	1- Black Anodize as per Dwg 646.3700								
	2- PRIME AS PER DWG, SEE NOTE #2								
	Certification of Conformity is required								
170	Receive & Inspect for Damage & Mat'l Certs	0.00							
*170*									
Packaging	Memo	0.00							
Packaging									
180	QC5- Inspect part completeness to step on W/O	0.00							
*180*									
QC	Memo	0.00							
Quality Control									

CL 13/06/0320

20x SP 13-6-6.

13-6-6

20

# Work Order ID 102553

\*102553\*

Page 4

May-30-13 3:22:57 PM

Item ID: 646.3712 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Clip  
 Start Date: 5/30/13 Start Qty: 12.00 \*12\* Cust Item ID:  
 Required Date: 6/10/13 Req'd Qty: 12.00 \*12\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
210	Identify as per dwg & Stock Location: <u>57535</u>	0.00							
*210*									
Packaging	Memo	0.00							
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***								
220	QC21- Final Inspection - Work Order Release	0.00							
*220*									
QC	Memo	0.00							
Quality Control									

13/6/12 (20)

13/6/10 13-6-7

# Picklist Print

May-30-13 3:22:56 PM

Page 1

Work Order ID: 102553

Parent Item: 646.3712

Parent Item Name: Clip

Start Date: 5/30/13

Required Date: 6/10/13

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP REV:A 12.11.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.063 6061-T6 .063 Sheet		Purchased	No			110	sf	259.7025	0.036	0.4547368			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				MAT021		259.7025							
				123135		120.2625							
				<u>124003</u>		80.15				<u>124003</u>			
				125431		59.29							

*Handwritten:* 0.46, 13.06.01, Ae / Jrm.

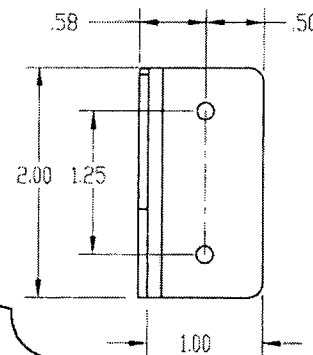
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03702				SHEET 1 OF 2	
	DWG NO. 646.3700	REV: A	PREPARED BY B. PETERS	DATE: 11/15/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: SHEETMETAL					
APPROVED BY: ENGR. <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL AND REVISED REFERENCE DIMENSIONS				EOR: D-12-010	

## SHEET 1, ZONE A2 IS:

IS

△ PRIMARY MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11  
ALTERNATE MATERIAL: SS 17-4 PH PER AMS 5604

IS

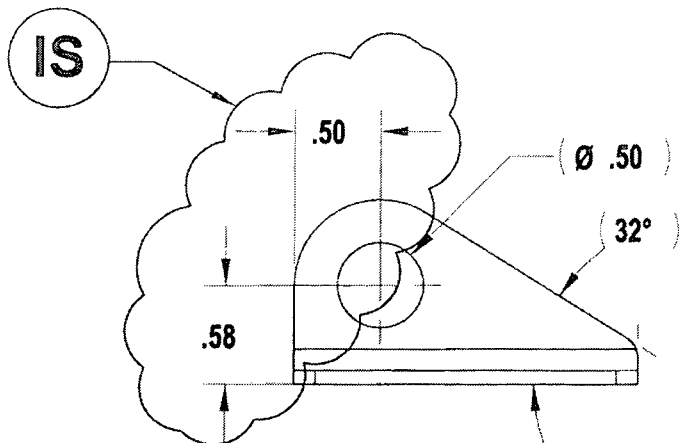


## SHEET 7, ZONE B1 IS:

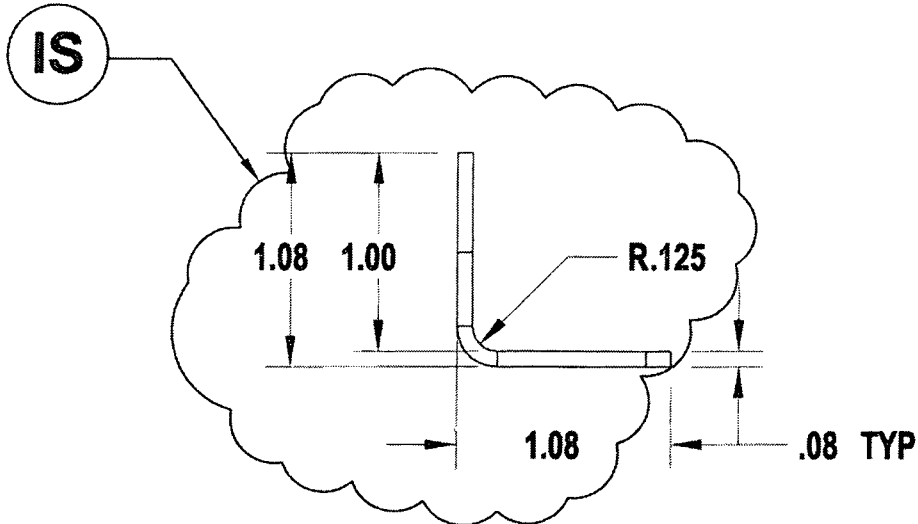
SKETCH  
REVISION  
ENGINEERING  
UNCONTROLLED  
SUBJECT TO  
WITH A  
WORK ORDER  
NO. 102553 MLS  
13-05-30

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input type="checkbox"/> BOM					<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

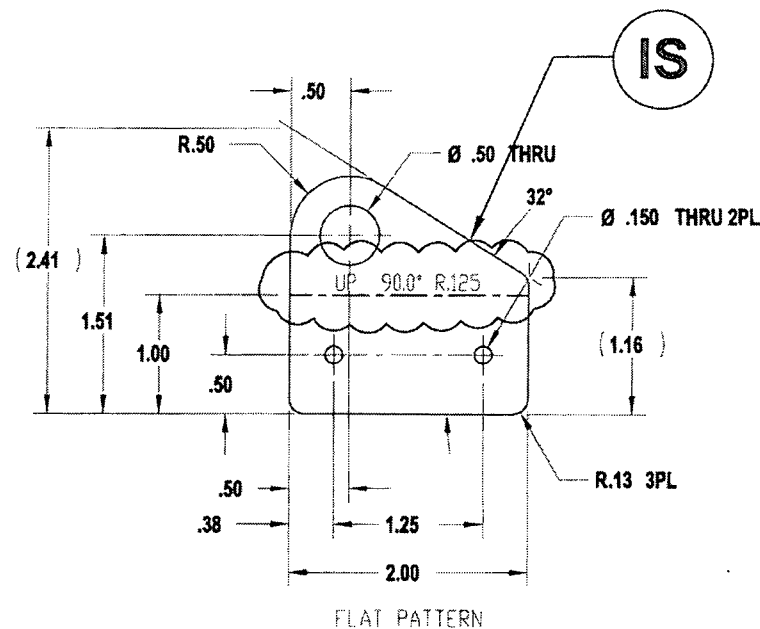
102553



**SHEET 7, ZONE C4 IS:**

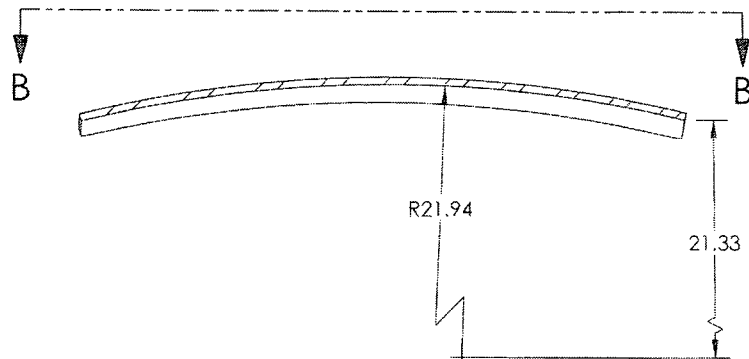


**SHEET 7, ZONE D1 IS:**



**SHEET 7, ZONE B7 IS:**

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION
-----	----	-------------	-----	-------------	------------------------

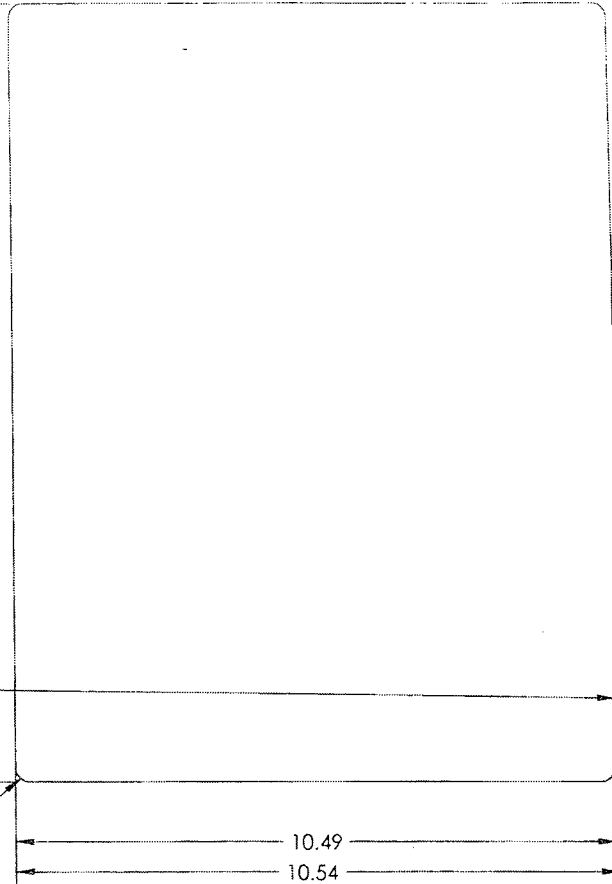


SECTION A-A



R.13 4PL

13.51



SECTION B-B

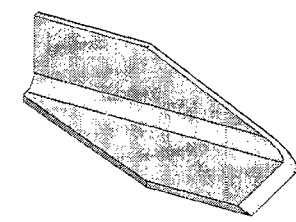
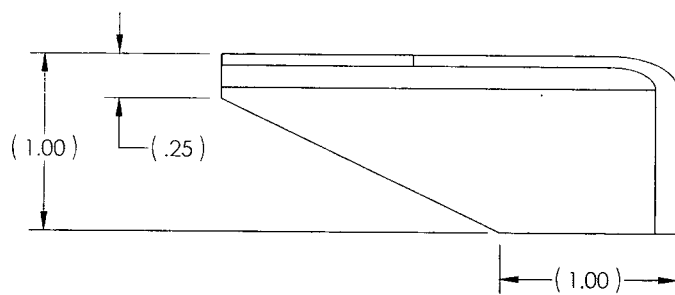
APICAL INDUSTRIES	DATE	10/25/13
2608 TEMPLE HEIGHTS DR.	DRAWN BY	ENGINEER
OCEANSIDE, CA 92056-3512 (760)726-5300	PROJECT NO.	102553
SHEETMETAL	SCALE	NONE
646.3700	SHEET	2 OF 9



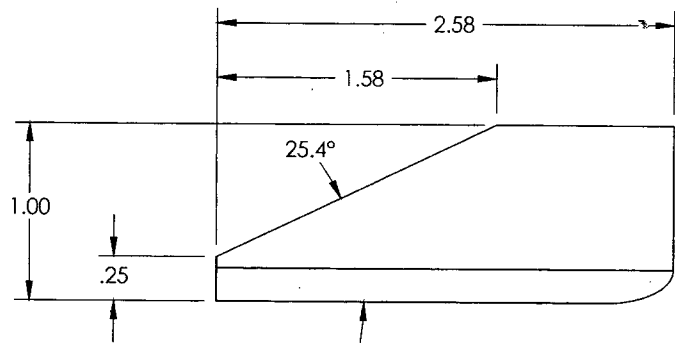
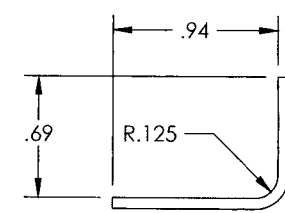
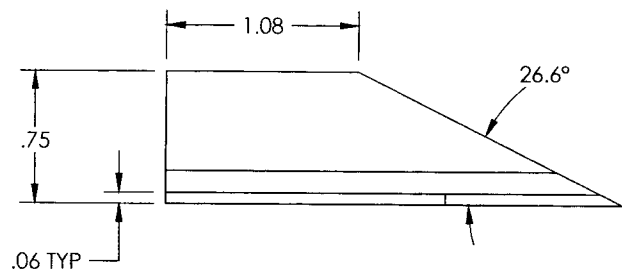
102553

ALL DIMENSIONS CONTAINED HEREIN ARE IN INCHES  
 UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS PERMANENTLY MARKED ON PARTS

REV.	DATE	BY



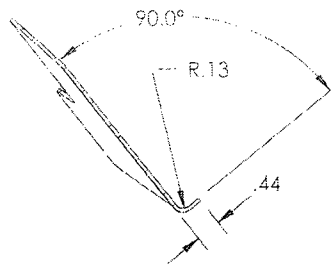
646.3711 SHOWN  
 646.3712 OPPOSITE



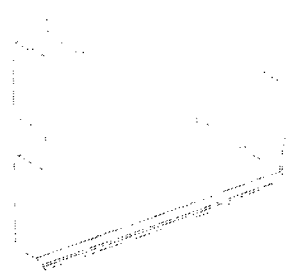
NEXT ASSY (S)	ORIGINAL DATE	08-18-08			
	DRAWN BY	CHECKER			
	P. BRAVO	S. JOSEPH			
	DEPARTMENT APPROVAL				
	DATE: 08-18-08				
	CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SITE	CAGE CODE	DWG. NO.	REV.
		B	07M26	646.3700	A
SCALE: NONE		SHEET 3 OF 9			

**APICAL INDUSTRIES**  
 2608 TEMPLE HEIGHTS DR.  
 OCEANSIDE, CA. 92056-3512 (760)724-5300  
**SHEETMETAL**

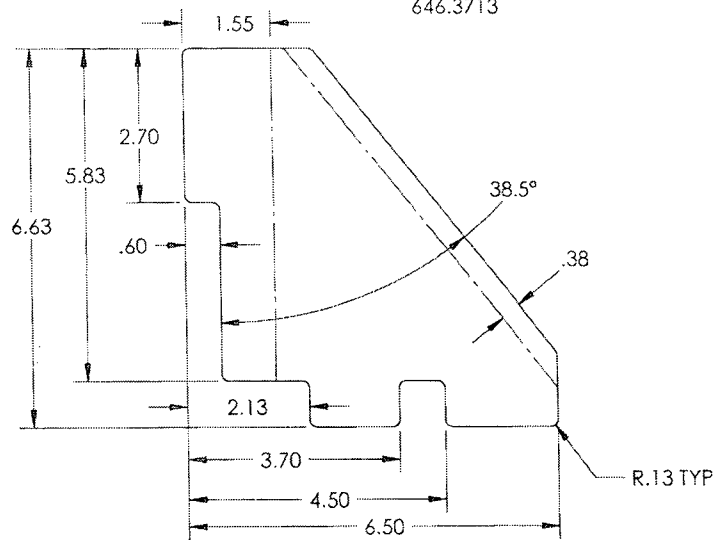
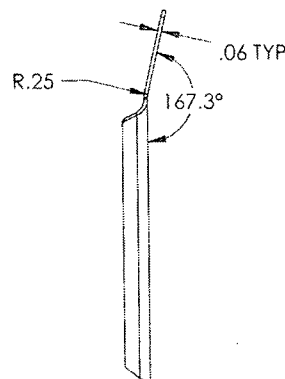
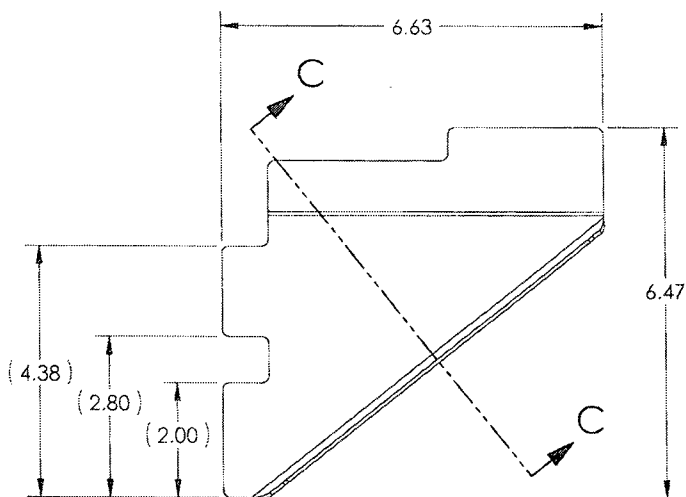
102553



SECTION C-C

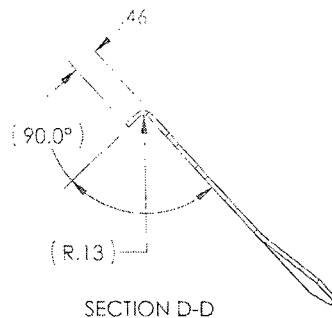


646.3713

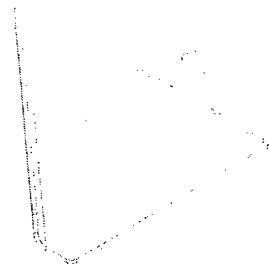


FLAT PATTERN

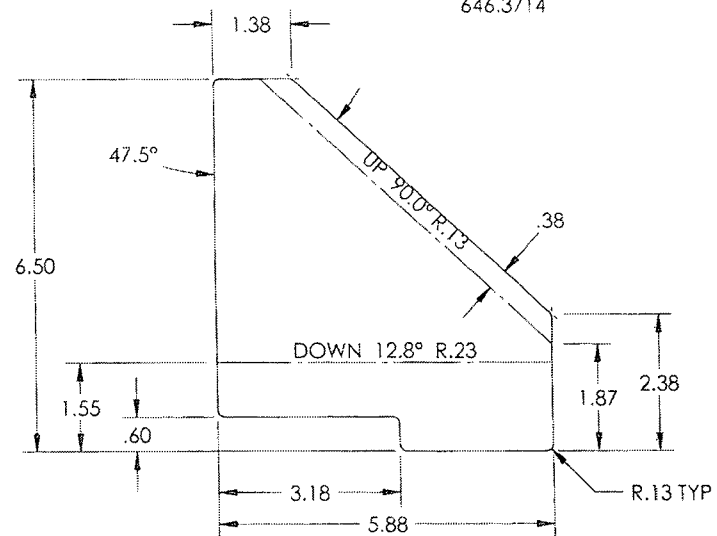
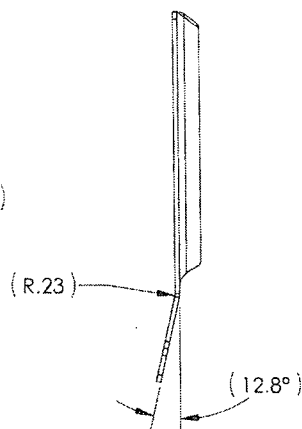
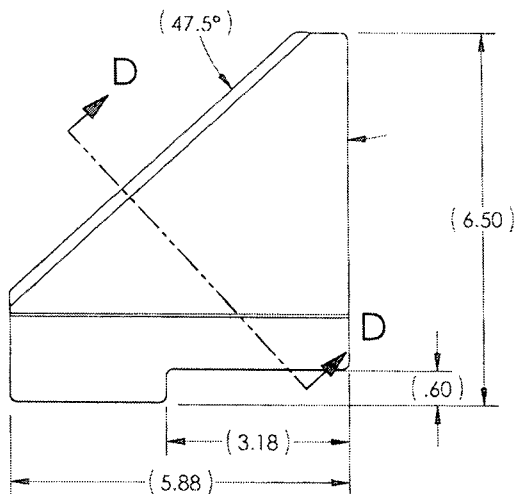
NEXT ASSY (S)	APICAL DATE		68-15-02	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR OCEANSIDE, CA 92056-3512 (760) 724-5300	
	DESIGNED BY				
	DRAWN BY				
	CHECKED BY				
	APPROVED BY				
	MATERIAL SPECIFIED			SHEETMETAL	
	DIMENSIONS ARE IN INCHES			SHEET 646.3700	
	DIMENSIONS ARE IN INCHES			SCALE: 1:1	
	DIMENSIONS ARE IN INCHES			SHEET 2 OF 2	

[illegible]

SECTION D-D

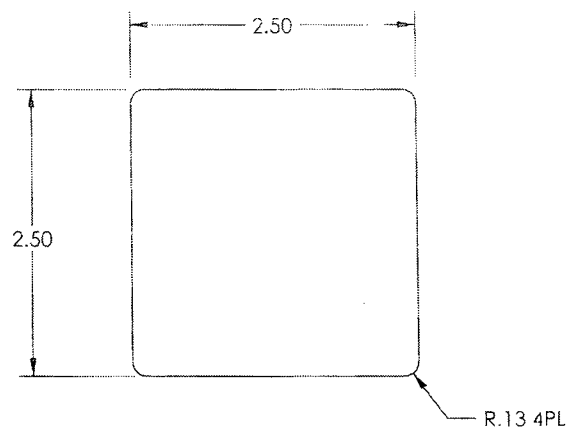


646.3714



FLAT PATTERN

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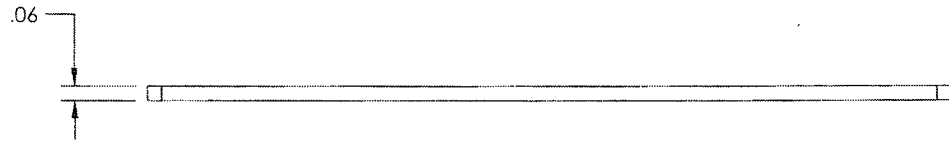
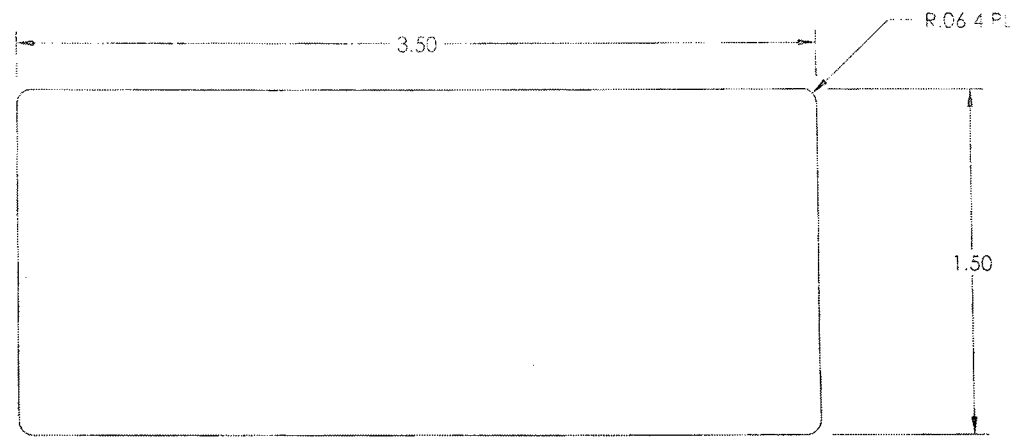
[illegible]

646.3715

NEXT ASSY (S)	ORIGINAL DATE	06/18/08	<h1>APICAL INDUSTRIES</h1> <p>2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300</p> <h2>SHEETMETAL</h2>
	DESIGNED BY	W. JOSEPH	
	PROJECT NO.	1	
	DATE OF APPROVAL	5/1/08	
	CONTRACTING		
ALL OTHERS OTHER THAN SPECIFIED SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. THE CUSTOMER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE PARTS AND THE MATERIALS TO BE USED.			THE COLOR CODE IS 07A02A SCALE: NONE DWG. NO. 646.3700 1 SHEET OF 6



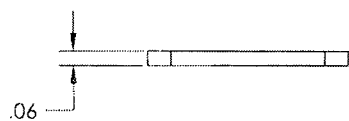
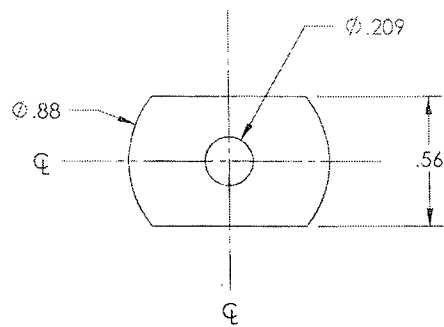
102555



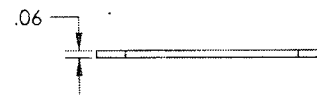
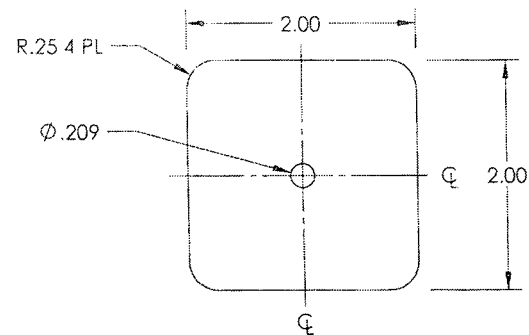
646.3717

NEXT ASSY IS:	ORIGINAL DATE	06-15-02	<b>APICAL INDUSTRIES</b> 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92036-3512 (760) 724-5300	<b>SHEETMETAL</b>
	DRAWN BY	CHLOFF		
	DATE	06-15-02		
	CHANGING APPROPRIATE			
	REVISION			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACES DECIMALS ±.01 3 PLACES DECIMALS ±.005 ANGLES ±.2°		NET WEIGHT 646.3700	REV A	
SCALE 1:20		SHEET 8 OF 9		

102TT3



646.3718



646.3719

NEXT ASSY (S)	OFFICIAL DATE	08-10-06	APICAL INDUSTRIES 2609 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300		
	DRAWN BY	J. JOSEPH			
	CHECKED BY	J. JOSEPH	SHEETMETAL		
	DATE	08-10-06			
	UNLESS OTHERWISE SPECIFIED				
	DIMENSIONS ARE IN INCHES				
	TOLERANCES ARE				
	FRACTIONS DECIMALS PERCENT				
ANGLES ± 1°					
		SHEET 1 OF 1			







A.T.G. Industries Inc.  
 731, rue Industrielle Rd.  
 PLATING DEPARTMENT  
 Rockland, On K4K 1T2  
 Canada  
 Ph: (613) 446-4544  
 Fax: (613) 446-4556

## Pack List

Number: 62433

Date: 06-Jun-13

### To

DART AEROSPACE LTD  
 1270 ABERDEEN ST.  
 HAWKESBURY, ON K6A 1K7  
 Canada

### Ship To

DART AEROSPACE LTD  
 1270 ABERDEEN ST.  
 HAWKESBURY, ON K6A 1K7  
 Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity	Description		
1 lot	Part: ASST 10 PCS 646.3310 10 PCS 646.3312 10 PCS 646.3313 10 PCS 646.3610 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIME MIL-P-23377J TYPE I CLASS N Job: 20130348 PO: 19997	Rev:	Line:
1 lot	Part: ASST 20 PCS 646.3712 20 PCS 646.3716 19 PCS 646.3711 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIME MIL-P-23377J TYPE I CLASS N 12 PCS D4703-043 BLACK ANODIZE MIL-A-8625 TYPE II CLASS 2 Job: 20130347 PO: 20070	Rev:	Line:
Certificate of Conformance			



A.T.G. Industries Inc.  
731, rue Industrielle Rd.  
PLATING DEPARTMENT  
Rockland, On K4K 1T2  
Canada  
Ph: (613) 446-4544  
Fax: (613) 446-4556

### Pack List

Number: 62433

Date: 06-Jun-13

#### To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

#### Ship To


DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity		Description	
		A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.	
		ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY	
		DATE : <u>6/6/13</u>	
		CERTIFIED SIGNATURE : <u></u>	
		RECEIVER SIGNATURE : _____	



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO20070**

Purchase Order Date 6/3/2013

PO Print Date 6/6/2013

Page Number 1 of 3

**Order From :**

VC-ATG001

A.T.G. INDUSTRIES INC.  
731 INDUSTRIELLE ROAD  
ROCKLAND, ON K4K 1T2  
CANADA

**Contact Name**

**Vendor Phone**

613-446-4544

**Vendor Fax**

613-446-4556

**Vendor Account Nbr**

**Buyer**

Chantal Lavoie

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

**Ship To :**

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*REVISED*

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	Vendor Part Number 102553	✓ 646.3712 CLIP	6/7/2013 Yes	20.00	FedEx PI collect	\$5.2261	\$104.52
<b>Special Inst:</b> FINISH BLACK ANODIZE PER IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK  FINISH: PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N  NOTE: THIS IS A RUSH ORDER REQUIRED FOR JUNE 6							
2	102552	646.3716 GAUGE BRACKET	6/7/2013 Yes	20.00	FedEx PI collect	\$5.2261	\$104.52

*SP 13-6-6*

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required **YES** NO

Change Nbr: 2

Change Date: 6/6/2013